

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-181419

(43)Date of publication of application : 06.07.1999

(51)Int.Cl.

C09K 11/08

C09K 11/00

C09K 11/02

C09K 11/78

(21)Application number : 09-357092

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(22)Date of filing : 25.12.1997

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(54) PRODUCTION OF METAL OXIDE-BASED FLUOPHOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing the subject fluophor of small grain size through baking at relatively low temperatures.

SOLUTION: This method for producing a metal oxide-based fluophor comprises forming a complex polymer by polymerization reaction of a metal complex with a polyol in a solvent followed by baking the complex polymer, wherein the metal complex has been previously prepared by reaction of an oxycarboxylic acid or a polyaminochelating agent with at least one kind of compound selected from the group constituting the fluophor base and activator which consist of carbonates, nitrates, hydroxides, sulfates, phosphates, borates, silicates, aluminates, carboxylates, halides, and alkoxides of metallic elements.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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